

CLAIMS

What is claimed is:

1. A method comprising:

Sending a query; and

Receiving a response including a set of records of available services, each record of the set including a service name and a service virtual communication port.

2. The method of claim 1 further comprising:

Connecting to each service for which a record exists in the set of records.

3. The method of claim 1 wherein:

The query is sent utilizing a Bluetooth protocol SDP request and the response is received in the form of an SDP response.

4. The method of claim 1 further comprising:

Connecting to a first service for which a record exists in the set of records utilizing the service name of the first service to initiate connection.

5. The method of claim 1 further comprising:

Connecting to a second service for which a record exists in the set of records utilizing the service name of the second service to initiate connection.

1 6. The method of claim 5 wherein:

2 The query is sent utilizing a Bluetooth protocol SDP request and the response is
3 received in the form of an SDP response.

1 7. An apparatus comprising:

2 means for sending a query; and

3 means for receiving a response including a set of records of available services,
4 each record of the set including a service name and a service virtual communication
5 port.

1 8. The apparatus of claim 7 wherein:

2 the means for sending a query utilizes a Bluetooth protocol SDP request as the
3 query; and

4 the means for receiving a response is configured to receive a Bluetooth protocol
5 SDP response.

1 9. The apparatus of claim 8 further comprising:

2 means for connecting to each service for which a record exists in the set of
3 records.

1 10. A system comprising:
2 a processor;
3 a control hub coupled to the processor;
4 an I/O interface coupled to the control hub;
5 wherein: the processor, control hub, and I/O interface are collectively configured
6 to:
7 Send a query; and
8 Receive a response including a set of records of available services, each record
9 of the set including a service name and a service virtual communication port.

1 11. The system of claim 10 wherein:
2 the I/O interface includes a Bluetooth interface.

1 12. The system of claim 11 wherein:
2 the processor, control hub, and I/O interface are further configured to:
3 Connect to each service for which a record exists in the set of records.

1 13. A machine-readable medium embodying instructions, the instructions, when
2 executed by a processor, causing the processor to perform a method, the method
3 comprising:
4 Sending a query; and

5 Receiving a response including a set of records of available services, each
6 record of the set including a service name and a service virtual communication port.

1 14. The machine-readable medium of claim 13 further embodying instructions,
2 the instructions, when executed by a processor, causing the processor to perform a
3 method wherein:

4 The query is sent utilizing a Bluetooth protocol SDP request and the response is
5 received in the form of an SDP response.

1 15. The machine-readable medium of claim 14 further embodying instructions,
2 the instructions, when executed by a processor, causing the processor to perform a
3 method further comprising:

4 Connecting to a first service for which a record exists in the set of records
5 utilizing the service name of the first service to initiate connection; and

6 Connecting to a second service for which a record exists in the set of records
7 utilizing the service name of the second service to initiate connection.

1 16. A method comprising:

2 Receiving a query;

3 Sending a response to the query, the response including a set of records of
4 available services, each record of the set including a service name and a virtual
5 communication port.

1 17. The method of claim 16 wherein:

2 The query is received as a Bluetooth protocol SDP request and the response is
3 sent as an SDP response.

1 18. The method further comprising:

2 Connecting a first service of the available services to a remote device based on
3 a service name of the first service supplied by the remote device.

1 19. The method further comprising:

2 Connecting a second service of the available services to a remote device based
3 on a service name of the second service supplied by the remote device.

1 20. An apparatus comprising:

2 means for receiving a query; and

3 means for sending a response to the query, the response including a set of
4 records of available services, each record of the set including a service name and a
5 virtual communication port.

1 21. The apparatus of claim 20 wherein:

2 The query is received as a Bluetooth protocol SDP request and the response is
3 sent as an SDP response.

1 22. The apparatus of claim 21 further comprising:
2 means for connecting a service of the available services to a remote device
3 based on a service name of the service supplied by the remote device.

1 23. A system comprising:
2 a processor;
3 a control hub coupled to the processor;
4 an I/O interface coupled to the control hub;
5 wherein: the processor, control hub, and I/O interface are collectively configured
6 to:
7 Receive a query; and
8 Send a response to the query, the response including a set of records of
9 available services, each record of the set including a service name and a virtual
10 communication port.

1 24. The system of claim 23 wherein:
2 the I/O interface includes a Bluetooth interface; and
3 The query is received as a Bluetooth protocol SDP request and the response is
4 sent as an SDP response.

1 25. The system of claim 24 wherein the processor, control hub, and I/O interface
2 are further configured to connect a service of the available services to a remote device
3 based on a service name of the service supplied by the remote device.

1 26. A machine-readable medium embodying instructions, the instructions, when
2 executed by a processor, causing the processor to perform a method, the method
3 comprising:

4 Receiving a query;

5 Sending a response to the query, the response including a set of records of
6 available services, each record of the set including a service name and a virtual
7 communication port.

1 27. The machine-readable medium of claim 26 further embodying instructions,
2 the instructions, when executed by a processor, causing the processor to perform a
3 method wherein:

4 The query is received as a Bluetooth protocol SDP request and the response is
5 sent as an SDP response.

1 28. The machine-readable medium of claim 27 further embodying instructions,
2 the instructions, when executed by a processor, causing the processor to perform a
3 method further comprising:

4 Connecting a first service of the available services to a remote device based on
5 a service name of the first service supplied by the remote device.

1 29. The machine-readable medium of claim 28 further embodying instructions,
2 the instructions, when executed by a processor, causing the processor to perform a
3 method further comprising:

4 Connecting a first service of the available services to a remote device based on
5 a service name of the first service supplied by the remote device.